

REMARKS/ARGUMENTS

It is respectfully submitted that the objection to the abstract is overcome in light of the amended abstract herein.

Pending claims 1 – 6, 8 – 16 and 21-36 stand rejected under 35 U.S.C. § 102(b) over U.S. Patent No. 5,182,555 (Sumner). Applicant respectfully traverses the rejection. With regard to claim 1, Sumner does not disclose a cellular map of cellular communication cells in a geographic area. In this regard, the Office Action refers to Fig. 4 of Sumner and accompanying text on column 6, lines 59-68. However, the cells of Fig. 4 (e.g., 1332 to 1534) are merely portions of a region; there is no cellular map of cellular communication cells. Instead, as defined by Sumner, a cell “is defined by the direction of vehicle travel and the major arterials in an area where the vehicle is traveling.” Sumner further describes that “the cells are generally defined by direction of travel in the major arterials in a given area, with each cell encompassing a link or section of a major arterial up to, but not including the next major interchange.” Sumner, col. 6, ll. 34-45. Accordingly, for at least this reason claim 1 and claims 2-6 and 8-9 depending therefrom are patentable.

As to claim 10, nowhere does Sumner disclose an analyzer that receives cell occupancy data corresponding to at least one cellular communication cell. In this regard, as discussed above, Sumner merely discloses cells of a region; there is no relation to any receiving of cell occupancy data corresponding to at least one cellular communication cell. For at least this reason, claim 10 and claims 11-16 depending therefrom are patentable over Sumner.

With respect to claim 21, Sumner does not disclose determining a delta in occupancy data of at least one cell of a cellular communication system. This is so, at least for the same reasons discussed above regarding claim 1. Accordingly, claim 21 and claims 22-36 depending therefrom are patentable over Sumner.

For at least the same reasons discussed above regarding claim 1, claim 7 depending therefrom is patentable over Sumner in view of U.S. Patent No. 6,317,686 (Ran).

With respect to dependent claims 37-38, these claims are patentable over Sumner, for at least the same reasons discussed as to claim 21 from which they depend.

Pending claims 39-52 stand rejected under 35 U.S.C. §103(a) over Sumner. Applicant respectfully traverses the rejection. As to claim 39, nowhere does Sumner teach or suggest receiving cell occupancy data corresponding to plural cells of a cellular communication system.

This is so, at least for the same reasons discussed above regarding claim 1. Nor does Sumner teach or suggest determining which of a plurality of cellular devices represented by the cell occupancy data are moving between cells. Accordingly, claim 39 and claims 40-48 depending therefrom are patentable over Sumner.

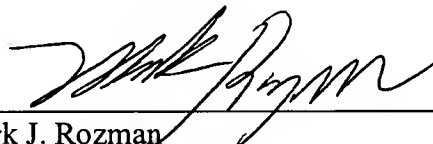
With respect to claim 49, nowhere does Sumner teach or suggest, at least, categorizing cellular devices in a specified area. Accordingly, for at least this reason, claim 49 and claims 50-51 depending therefrom are patentable over Sumner.

New claims 58-62 are patentable, at least because they depend from patentable claims 1 and 10.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

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